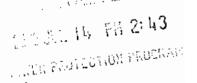
Use Attainability Analysis

for

WBID 3488 Tributary to Muddy Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program



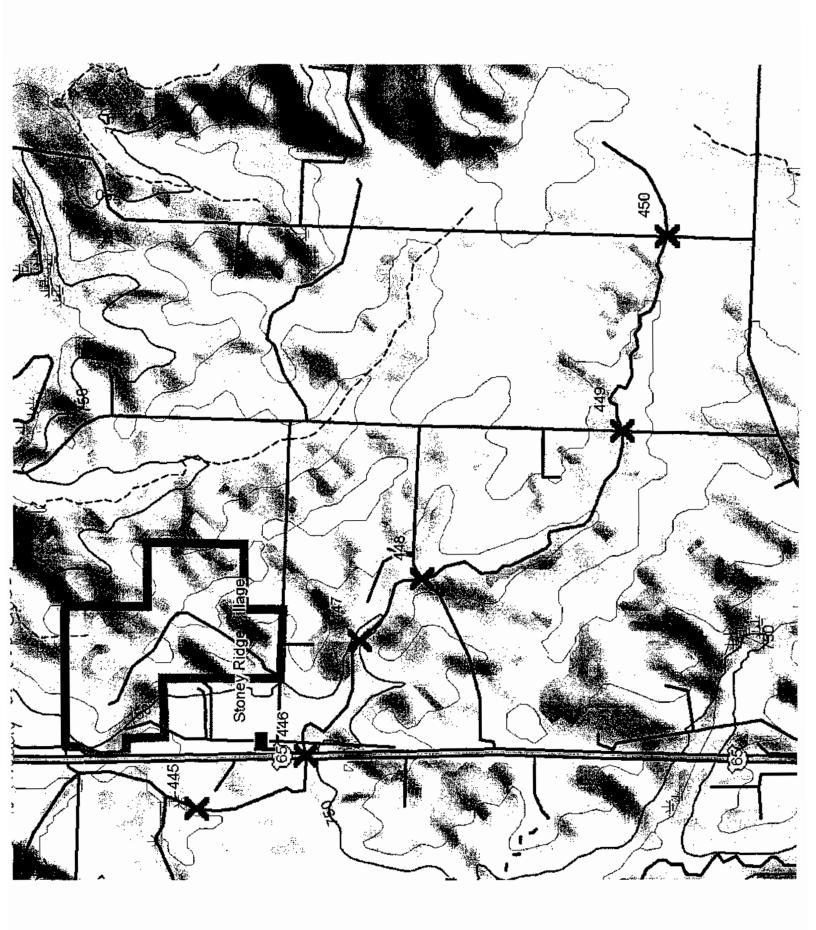
Data Sheet A - Water Body Identification

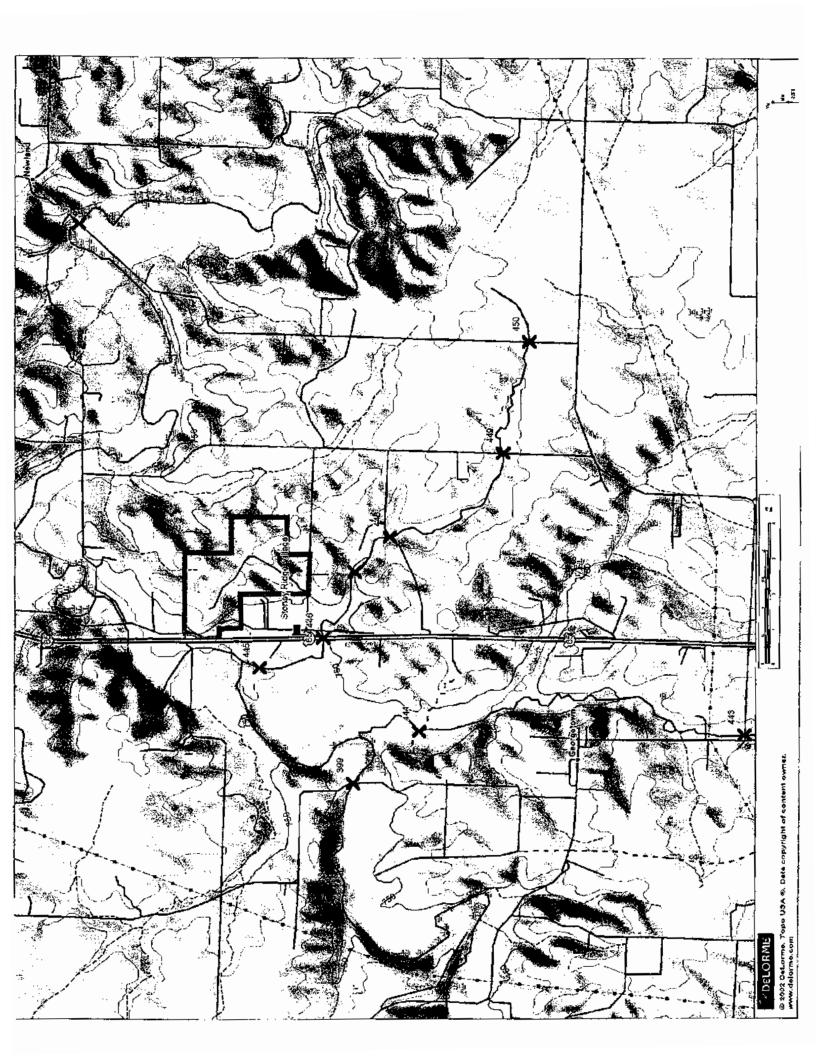
Water Body Name: (from USGS 7.5' quad) Tributary to Muddly Creek
8-digit HUC: 10300103
Missouri WBID #: 3488
County: Pettis
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: (UGS 84, ddd.ddddd) N 39.76358 W 93.18798
Downstream Coordinates: N 3 8.78394 W 93, 22598
Discharger Facility Name(s): Stoney Ridge Village
Discharger Permit Number(s):
Number of Sites Evaluated:
Name of Surveyor and Telephone Number: JB 110 - 356 - 2993.
Organization:
Position: Screntist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:

Data





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 445	A (3488)		Site Location Des					
Site GPS Coordinates: N3		2543	100m D.S. IF	ADUTE 65 CHUSSENG	•			
Date & Time: 07/10/05	1140	• J · U	Facility Name: Stony Ruge Vikige					
Personnel: CB, JB	1140		Permit Number:					
Current Weather Condition	15: (a 3.3 15 3.11)	Way	Weather Condition	ns for Past 7 days:				
Photo Ids: Upstream: 2		stream: 2,						
Uses Observed*:	* marked as 447A on PHOTOS							
☐ Swimming	☐ Swimming ☐ Skin diving ☐ Sc			☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	□ Воз	ating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fīsi	hing	None of the above	☐ Other:			
Surrounding Conditions items of interest.)	S*: (Mark all that pr	romote or im	pede recreational us	es. Attach photos of evider	oce or unusual			
☐ City/county parks	☐ Playgrounds	☐ MDC ∞	nservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence	Steep slo	pes	Other: FOREST				
Evidence of Human Use	·*:			• '				
Roads	☐ Foot paths/prin	ts 🗆 I	Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites	DF	ire pitring	☐ NPDES Discharge	☐ Fishing Tackle			
☐ Other.								

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

J-503 7/10/05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 445 A :

Upstream View ☐ Riffle Width		Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	
□ Run Width	(ft):	Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	
Pool Width	(fi): - - -	Length (ft): 20	Avg. Dep	th (ft): 0.14 ∧	Max. Depth (ft):	082
Flow Present		□ No	Estimated	(ft ³ /sec):		
Downstream Vie	w Physical I	Timensions: V	JSUAL ESTINA	- Tue Dar T	NeDTA	
☐ Riffie Width		Length (ft):	Avg. Dep		Max. Depth (ft):	
□ Run Width		Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	<u></u>
Pool Width	(ft):	Length (ft): 30	~ Avg. Dep	th (ft):	Max. Depth (ft):	Zim
Flow Presen		⊠ No	Estimated	(ft ³ /sec):		
bstrate*: (These % Cobble		id up to 100%.) Grave! 0	% Sand	% Silt (o % Mud/Clay	% Bedrock
	1*: (note amour		algal growth at the a	ssessment site)		
uatic Vegetation	1*: (note amount) · Status A	all that apply.)			C) Other:	
uatic Vegetation וועבא טפּדּק (עפּיל עבא טפּדּק (עפּיל עבאר Characteria	n*: (note amount) A A A A A A A A A A A A A A A A A A A	all that apply.) I Musky	☐ Chemical	None None	□ Other:	
DUCK DEED (45% ater Characteris	itics*: (Mark a	all that apply.) Musky Green		☑ None ☑ Milky	Other:	
DUCK DEED (154 ater Characteris Odor: Color:	n*: (note amount) A A A A A A A A A A A A A A A A A A A	all that apply.) I Musky	☐ Chemical ☐ Gray	☑ None ☑ Milky	· · · · · · · · · · · · · · · · · · ·	
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no imprehensive underst ission on the recreati the undersigned tasheet is true a	itics*: (Mark a Sewage Clear Sludge Oil attach addition to be used sole anding of water on use analysis	all that apply.) Musky Green Solids Scum onal comments (ely for removal of a conditions. Consecut may point to comment to the best of	☐ Chemical ☐ Gray ☐ Fine sediment ☐ Foam (including information of the content o	None Milky None None None ation from interior is not intended in the analysis or the	Other:	a .
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no apprehensive underst tision on the recreati	itics*: (Mark a Sewage Clear Sludge Oil attach addition to be used sole anding of water on use analysis	all that apply.) Musky Green Solids Scum onal comments (ely for removal of a conditions. Consecut may point to comment to the best of	☐ Chemical ☐ Gray ☐ Fine sediment ☐ Foam (including information of the content o	None Milky None None None ignation from interior is not intender ther analysis or the that all inform	Other: Other: Other: rviews) to this form is to provide a more d to directly influence hat effect another use.	a -

3488_445_US



3488_445_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

ł	Missouri WBID #: ५स६	(2)		Site Location	Site Location Description:			
	Site GPS Coordinates: Na		13 m ()	At BAITS		1		
İ	Date & Time: 07/10/65	50,78396 WAA2	.724	Facility Na		5 CJ. P.11. 1	/No. o	
	Personnel: Cb. JB	1120			Permit Number:			
	Current Weather Conditio	ns: 85°F, 50				ns for Past 7 days:		
	Photo Ids: Upstream: 🤿	00 11 00			Other:			
Ùs	es Observed*:	174		0.161				
	☐ Swimming	☐ Skin diving		☐ SCUBA diving		☐ Tubing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking	[☐ Boating		□ Wading	Rafting	
	☐ Hunting	☐ Trapping		☐ Fishing		None of the above	☐ Other:	
Su	rrounding Condition	S*: (Mark all that	promot	e or impede recreation	onal us	es. Attach photos of evider	nce or umisual	
	☐ City/county parks	☐ Piaygrounds	ΠМ	DC conservation lar	xds	☐ Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks	D N	ational forests		☐ Nature trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence	₩ St	eep slopes		Other: For UST		
Ev	idence of Human Us	e*:						
	☐ Roads	☐ Foot paths/pri	nts	Dock/platform		☐ Livestock Watering	☐ RV / ATV Tracks	
	☐ Rope swings	☐ Camping Site	s	☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
	□ Other:							
						· <u></u>		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Jos 7/10/05

Camesan 20 2001

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

	eam Mor Upstream			mensions: a.v.)	0.01, 0.01, 0.01	. dala		
	☐ Riffle	Width (fi		Length (ft):	Avg. Depth (Max. Depth (ft):	
	□ Rm	Width (f	 :):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
	Pool	Width (f	1): 1.3~	Length (ft): 🤉 ଓ	Avg. Depth (ft): 0.01m	Max. Depth (ft): 0,0	2~
	☑ Flow	Present?	□ Yes	©∕No	Estimated (fi	3/sec):		
	Downetee	om Vier	r Dhashaol	Dimensions: A	1A A B A C A		-	
	□ Riffle	Width (f		Length (ft):	10 , 이 고, 이 구구 , 이 Avg. Depth (Max. Depth (ft):	
,	☐ Rum	Width (f		Length (ft):	Avg. Depth (Max. Depth (ft):	-
	☑ Pool	Width (f		Length (ft): 80			Max. Depth (ft): O,	
	Flow	Present?		Ω/N₀	Estimated (ft			
	<u> </u>	1 reschi:		<u> </u>	* Pool WITH	,	XAM A HTEN MOM	DEPTH OF
Su		(These va		add up to 100%.)	0.4n.			
	15 9	& Cobble	10 9	6 Gravel	% Sand	% Silt 9	% Mud/Clay 70	% Bedrock
W	ater Chai	racterist	ics*: (Mark	all that apply.)				<u> </u>
	Odor:		□ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
	Color:		□ Ciear	☐ Green	☐ Gray	Milky	☐ Other:	
	Bottom D	eposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
	Surface D	eposit:	□ Oil	☐ Seum	☐ Foam	☑ None	☐ Other:	
ricondex	his informat nprehensive rision on the the under tasheet is gned:	tion is not understar recreation	to be used so ding of water use analysis hereby aff d accurate	lely for removal of a r conditions. Consess but may point to co	recreational use design quently, this information additions that need furth of my knowledge, the	ation but rather n is not intended er analysis or the hat all inform	d to directly influence a nat effect another use. mation reported on th	nis UAA
Or	ganization	n: <u>Te</u>	INA TELL	INL.	Position	1: AU162	TTE SCHENTENT	-
				00	-71.			

3488_446_US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Ĭ	15 1====		·-	_	Site Locati	on Day	oninti Ana	···
	Missouri WBID #: 447			tee'illa			Avute Chassena	
	Site GPS Coordinates: ×	N38.78347 L	1013.30	430	Ciec	<u> </u>		<u> </u>
	Date & Time: 07 (10) 65	1110			Facility Name: Story Riche Village			
	Personnel: Ch. 36				Permit Number:			
ĺ	Current Weather Condition	us:	n ny		Weather C	onditio	ons for Past 7 days:	
	Photo Ids: Upstream: 2		ownstrea	m: 3	11.8	Other:		
Ùs	es Observed*;							
	☐ Swimming ☐ Skin diving ☐			□ sct	JBA diving		☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking		□ Boz	tting		□ Wading	☐ Rafting
	C Hunting	☐ Trapping	Ï	☐ Fish	ing	•	None of the above	☐ Other:
	Describe: (include numbe	r of individuals r	ecreaning	, freque	ancy of use, p	hoto-d	ocumentation of evidence	of recreational uses, etc.)
								,
		· -						
Su	rrounding Condition	S*: (Mark all the	at promot	te or im	pede recreatio	onal us	es. Attach photos of evider	nce or unusual
	ns of interest.)		p				F-4.03	
	☐ City/county parks	☐ Playground	s 🗆 M	IDC co	nservation la	nds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	□ N	lational	forests		☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	⊠s	teep slo	pes		☑ Other: Fanor	
Ev	idence of Human Us	e * :			···			·
	□ Roads	☐ Foot paths/	prints		ock/platform	. <u>. </u>	☐ Livestock Watering	☐ RV / ATV Tracks
	☐ Rope swings	☐ Camping Si	ites	DF	ire pit/ring	· 	☐ NPDES Discharge	☐ Fishing Tackie
	☐ Other:							i v Korala i jedan. Potolik Ali

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

J88 7/10/05

September 29, 2004

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID #_ ৭৭০ ক_:

Riffle	Width (f		mensions: 0,0 Length (ft):		Depth (ft):	Max. Depth (ft):	
□ Run	Width (f		Length (ft):		Depth (ft):	Max. Depth (ft):	
☑ Pool	Width (f	1): 46m	Length (ft): 🤈	o∕~ Avg. I	Depth (ft): 0.01m	Max. Depth (ft): 0.07	
☑Flow	Present?		☑No	Estima	ted (ft ³ /sec):		
Dometro	***	701					
Riffle	am viev Width (f		Dimensions: Dimens		<u>ે. ઇ.મુક ઉતાપ</u> Depth (ft):	Max. Depth (ft):	<u> </u>
☐ Run	Width (f	<u> </u>	Length (ft):		Depth (ft):	Max. Depth (ft):	<u> </u>
□ Run □ Pool		i): 7-12	Length (ft):		Septh (ft): 5.42~	Max. Depth (fi): 0.((
☑ Flow			D No	***	ted (ft ³ /sec):	Wax. Deput (11). O. ()	٠,٠
130W	Present?	☐ Yes	LY 140		(11750).		
			add up to 100%.)				
Cc65	6 Cobble	80 9	6 Gravel	% Sand	% Silt 5	% Mud/Clay /O	% Bedrock
Odor:		□ Sewage	all that apply.) ☐ Musky	☐ Chemical	☑ None	Other:	
Bottom De		□ Clear	Green	☐ Gray	☑ Milky	☐ Other:	
		☐ Sludge	☐ Solids	☐ Fine sedin		Other:	
Surface De	posit:	□ Oil	□ Scans	- Foam	□ None	□ Other:	
his informati mprehensive	ion is not understar	to be used so	lely for removal of r conditions. Cons	a recreational use equently, this info	designation but rather	d to directly influence a	
the unders				of my knowled	ige, that all inform	nation reported on th	is UAA
igned:	Il N	<u>///</u>		Da	te: 07/10/05		
rganization	: <u>(</u>	Tra Tech	-w.	Po	sition: Anway	175 <u>C</u> ze. 17357	
				18B	7/10/05		

September 29, 2004

3488_447_US



3488_447_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 44	8 (3488)		Site Location De		^		
Site GPS Coordinates: N	38.77714 W 09	A4!1271	13, CLOSS J	West on MH Horn	non from Tangle New		
Date & Time: 07/10/05	1000			Facility Name: Stoney Ridge Village			
Personnel: Co. 3B			,	Permit Number:			
Current Weather Condition	ons: 83°F. Sun	y	Weather Conditi	ons for Past 7 days:			
Photo Ids: Upstream:	2165 Dow		Sile Other				
ses Observed*:							
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	. □ I	Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	DF	ishing	None of the above	Other:		
	er of individuals rec						
urrounding Condition				uses. Attach photos of eviden	nce or unusual		
urrounding Condition		promote or		uses. Attach photos of eviden	nce or unusual		
urrounding Condition	ns*; (Mark all that p	promote or	impede recreational t				
urrounding Condition cans of interest.) □ City/county parks	ns*: (Mark all that p	promote or	impede recreational u conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway		
urrounding Condition cans of interest.) □ City/county parks □ Boating accesses	Playgrounds State parks	oromote or □ MDC □ Nation	impede recreational u conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
urrounding Condition ems of interest.) □ City/county parks □ Boating accesses □ No trespass sign	Playgrounds State parks	oromote or □ MDC □ Nation □ Steep	impede recreational u conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
urrounding Condition ems of interest.) □ City/county parks □ Boating accesses □ No trespass sign	Playgrounds Playgrounds State parks Fence	oromote or □ MDC □ Nation □ Steep	impede recreational u conservation lands nal forests slopes	Urban areas Nature trails Other: AGN 360000	☐ Campgrounds ☐ Stairs/walkway No. Fanes T		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

JSB 7/10/05

Careemba- 20 2004

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

tream Morp <u>Upstream</u>			nensions: 0/24	, 8/28, 0-40, 0/3	8, 0.20m	
□ Riffle	Width (f	i):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):
□ Run	Width (f	t):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):
☑ Pool	Width (f	i): 5.5~	Length (ft): 2	o ← Avg. Depth ((ft): 0.30m	Max. Depth (ft): 0.40m
☑ Flow	Present?	☐ Yes	☑ No	Estimated (fi	3/sec):	
Downstrea	ım Viev	v Physical !	Dimensions: ರಿ	6,050, 44,0,30,	. 28, J.38 ~	۸
☐ Riffie	Width (f		Length (ft):	Avg. Depth	·	Max. Depth (ft):
≀ □ Run	Width (f	īt):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
☑ Pool	Width (f	ft): 3.8m	Length (ft): 28	Avg. Depth	(ft): 0.26~	Max. Depth (ft): 0.30 ^
T Flow	Present?	☐ Yes	⊠No	Estimated (fi	r³/sec):	
Substrate*:	(These v	alues should a	dd up to 100%.)			œn
	Cobble		Gravel 5	% Sand	% Silt	% Mud/Clay 40 70% Bedrock
Vater Chara	acterist					
Color:		□ Sewage	☐ Musky	☐ Chemical	None	Closi
Bottom De		Clear	☐ Green	☐ Gray	Milky	□ Other:
		Sludge	□ Solids	Fine sediments	None	Other:
Surface De	posit:	□ Oil	☐ Scum	□ Foam	⊡'None	☐ Other:
This information on the secision of the secisi	on is not understar recreation	to be used soluting of water n use analysis hereby affi	ely for removal of a conditions. Conse but may point to co	a recreational use design quently, this information anditions that need furth	nation but rather on is not intende ner analysis or th	ed to directly influence a
latasheet is	true an	d accurate	•	-		
Signed:	Ch	M		Date:	07/10/05	
Organization	: <u> </u>	M TECH?	īn(Positio	n: Assocr	ATE SCIENTED
				000	71. 1	. (

3488_448_US



3488_448_DS



3488_448_US



3488_448_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 4	49 (20128)		Site Location	n Des	cription:	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1 (3900)		ن سے ا		Van Tangle No.	s k
Site GPS Coordinates: NO		20186				
7/10	105		Facility Name: Story Rilly Villege Permit Number.			
Current Weather Condition	JB	-رين الاستان ا				·
	<u> </u>		' 		ns for Past 7 days:	
Photo Ids: Upstream: 211	,4 Down	ustream: 21	63 C	Other:		
Uses Observed*:						
☐ Swimming	☐ Skin diving	□ sc	UBA diving		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Bos	ating		☐ Wading	☐ Rafting
☐ Huming	☐ Trapping	☐ Fist	ning		☑ None of the above	Other:
Surrounding Condition items of interest.)	S*: (Mark all that p	romote or im	pede recreation	nal uso	es. Attach photos of evider	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC co	nservation land	ds	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	□ Fence	☑ Steep slo	pes		Other AGNICULTU	r6
Evidence of Human Use	e*:					
☑ Roads	☐ Foot paths/prin	nts 🗆 D	ock/platform		☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	□F	ire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
□ Other:				-		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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Sentember 20, 2004

3488_449_US



3488_449_DS



3488_449_US



3488_449_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	450 (3438)		Site Location	Site Location Description:			
Site GPS Coordinates: N		2102	78 /57 Cross	1st crossing Non EE from HH Facility Name: Stoney Ridge Village			
Date & Time: 7/10/			Facility Nan	Facility Name: Standard Mills			
Personnel: R	JB		Permit Num		word wild Alled		
Current Weather Condition		ナド	·		ns for Past 7 days:		
Photo Ids: Upstream:		nstream		Other:			
ses Observed*:	<u> </u>		<u> </u>				
☐ Swimming	☐ Skin diving		SCUBA diving		☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		Boating	· .	☐ Wading	Rafting	
☐ Hunting	☐ Trapping		Fishing		None of the above	□ Other:	
urrounding Condition	OS*: (Mark all that p	promote o	or impede recreation	nal use	es. Attach photos of evider	nce or unusual	
☐ City/county parks	☐ Playgrounds	□ MD	C conservation land	ds	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ Nati	ional forests		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	Fence	☐ Stee	p slop es		Or Other Agricul	/wd	
vidence of Human Us	se*:				0		
Ø s≹toads	☐ Foot paths/prin	nts	☐ Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
□ Other:							
							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Pa	Page Two - Data Sheet B for WBID #:										
	eam Mor Upstream		ysical Dir	mensions: Or	1 Stream W						
	☐ Riffie	Width (ft):	_	Length (ft):	Avg. Depth	(ft):	Max. Dept	Max. Depth (ft):			
	Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):			
	□ Pool	Width (ft)		Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):			
	□Flow	Present?	☐ Yes	□ No	Estimated (f	1 ³ /sec):			<u>-</u>		
	Downstre	am View	Physical	Dimensions:	Dry Streamb	and .					
	☐ Riffle	Width (ft)	:	Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):			
ř	□ Run	Width (ft)	:	Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):			
	□ Pooi	Width (ft)	:	Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):			
	□ Flow	Present?	□ Yes	□ No	Estimated (f	r³/sec):					
	uatic Ves	line	(note amo	unt of vegetation or	% Sand / 5	% Silt	/ S % Mud/Clay		% Bedrock		
•	Odor:		Sewage	☐ Musky	☐ Chemical	□ None	Other:	NA			
	Color:		Clear	☐ Green	□ Gray	☐ Milky	Other:	NA			
	Bottom De] Sludge	☐ Solids	☐ Fine sediments	□ None	A Other:	NA			
	Surface D	-	3 Oil	☐ Scum	☐ Foam	□ None	Ø Other:	NA			
*T con dex I, i	his informat nprehensive cision on the	ion is not to understand recreation signed, h	be used so ling of wate use analysi ereby aft accurat	olely for removal of er conditions. Conse s but may point to c firm to the best e.	(including information of my knowledge, t	nation but ration is not intender analysis or hat all info	her is to provide a n ded to directly influ r that effect another	nore nence a ruse. ted on ti	his UAA		
Oz	ganization	n:	In To	ch	Positio	n: Envir	connected Scie	indist	_		

CA



3488_450_DS





3488_450_DS





"Cindy DiStefano "
<Cindy.DiStefano@mdc.mo.g

03/26/2008 11:37 AM

To "Michael Kruse" <michael.kruse@dnr.mo.gov>

CC

bcc

Subject Fwd: Re: DNR Request

>>> Joseph Bonneau 03/18/08 10:43 AM >>> Cindv.

Any observations that I received were post-1975 and the observers were convinced that they were remembering the locations correctly. Thanks $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2$

Joe

>>> Cindy DiStefano 3/14/2008 2:52 PM >>> Joe,

The following is a request received from DNR that I have edited to pertain to your region. I have included only the streams in your region and added page numbers that correspond to the page numbers on the map file. Hopefully, this information will be easy to obtain. If possible, I would like the information by March 26th, so I can meet DNR's deadline.

Email from Mike Kruse, DNR:

I am following up on conversations you previously had with Donna Menown regarding the letter of comments provided to us from John Hoskins and the MDC on 8/24/2005. The letter pertains to observations of whole-body contact recreation in streams we completed Use Attainability Analyses for in 2005. After reviewing the 2005 UAAs additional questions arose that we hope you may be able to answer. We greatly appreciate all your help on this matter.

After reviewing the UAAs available on-line, it became apparent that some of the surveys were completed in locations other than the streams in question. Since the comments in the letter from the MDC did not provide WBID numbers and the maps provided in the 2005 UAAs may not be entirely accurate, we cannot be certain those observations came from the correct streams. Would you be able to tell us if the following observations were indeed made on the correct stream segments and equally important if the observations occurred after 11/28/1975? I have attached maps and locations of the streams in question.

L. Tebo Cr. (WBID 1205) : public swimming observed - Benton Co. - Page

Trib. to Muddy Cr. (WBID 3488): public swimming observed - Pettis Co. - Page 9

I will be at a meeting next week (back on March 24th), so if you have questions please contact Mike at:

Mike Kruse

Div. of Env. Quality/Water Protection Program MO Dept. of Natural Resources, Jeff. City (573) 522-4901; FAX [522-9920]

e-mail: michael.kruse@dnr.mo.gov

Fwd: Re: DNR Request - Michael Kruse/WPCP/DEQ/MODNR

Thanks! Cindy